

**What the invention claimed is:**

1. A test strip adapted to receive a liquid test sample and insertable in ammeter for enabling the received liquid test sample to be analyzed by the meter, the test strip comprising:
  - 5 a narrow elongated strip of substrate insertable in the meter and adapted to carry the liquid test sample to be examined; and a circuit pattern formed in said strip of substrate, said circuit pattern comprising a first circuit and a second circuit adapted to contact the liquid test sample been applied to said strip of substrate, to produce a reacted signal upon contact with the liquid test sample been applied to said strip of substrate, and to transmit said reacted signal to the meter in which the test strip is inserted.
  - 10 2. The test strip as claimed in claim 1, wherein said circuit pattern is formed of bio-carbon.
  - 15 3. The test strip as claimed in claim 1, wherein said first circuit and said second circuit each comprise a front probe end adapted to contact the applied liquid test sample, a rear contact end adapted to contact a respective contact in the meter, and an elongated transmission section connected between said front probe end and said rear contact end; said strip of substrate comprises a test sample accumulation space defined between the front probe ends of said first and second circuits and adapted to accumulate the

applied liquid test sample.

4. The test strip as claimed in claim 1, wherein said strip of substrate comprises a protruding guide portion adapted to pick up the liquid test sample to be examined and to guide the received 5 liquid test sample to said test sample accumulation space.

5. The test strip as claimed in claim 1, wherein the front probe end of said second circuit is spaced from and extends around bottom and lateral sides of the front probe end of said first circuit.

6. The test strip as claimed in claim 1, wherein said circuit 10 pattern further comprises a plurality of auxiliary contacts spaced between the rear contact end of said first circuit and the rear contact end of said second circuit and respectively connected to the transmission section of said second circuit.